



### Key Features

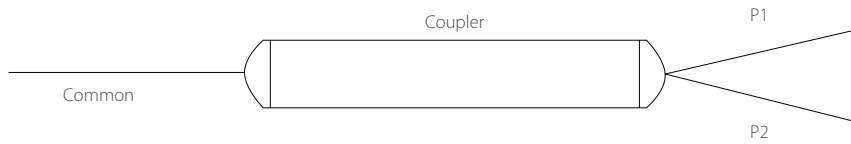
- Low excess loss
- Various coupling split ratio
- Excellent environmental and mechanical stability
- Offering compact mechanical packages

### Applications

- Long-haul telecommunication
- Digital, hybrid and Am-video system
- Catv systems and fiber optic sensor
- High-speed local area network



## Dimensions



Unit: mm

## Parameter Specifications

Operating Wavelength	Multimode Single Window Fused Couplers
Operating Bandwidth	850, 1310, and 1550nm
Structure	1x2/2x2
Insertion Loss 50/50(%)	≤4.00/4.00dB
Insertion Loss 40/60(%)	≤5.00/3.30dB
Insertion Loss 30/70(%)	≤6.50/2.60dB
Insertion Loss 20/80(%)	≤8.00/1.90dB
Insertion Loss 10/90(%)	≤11.00/1.30dB
PDL	≤0.20dB
Return Loss	≥40dB
Directivity	≥40dB
Fiber Length	1.00m±0.10m
Fiber Type	Multimode 50/125 or 62.5/125
Package 250µm Bare Fber	3x54mm
Package 900µm Loose Tube	3x60mm
Package 2mm or 3mm Jacket	90x20x9.5mm

Note:  
 The above parameters do not include a connector,  
 which is less than 0.2dB for a pair of connector.

# Coupler/ PLC

## Multimode Coupler



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### Operating Conditions

Maximum Power Handling	500mW
Operating Temperature	-5°C~ +70°C
Storage Temperature	-40°C~ +85°C
Operation Humidity	5% to 95% Relative Humidity



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